

# MANURE NUTRIENT ANALYSIS REPORT



**AgSource**  
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A Subsidiary of Cooperative Resources International

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ANALYSIS FOR: Wysocki Farms

DATE PROCESSED: 06/27/2013

DATE SAMPLED: 06/24/2013

SAMPLE NUMBER: 22803

MATERIAL: Dairy

SAMPLE TYPE: A

STORAGE SYSTEM: SOLID

**DRY MATTER, % 56.74**

**MOISTURE, % 43.26**

Nitrogen:  
( > 72h or Not Inc)

Nitrogen:  
(Inc in 1 to 72h)

Nitrogen:  
(Inc within 1h or Inj)

Phosphorus as P<sub>2</sub>O<sub>5</sub>

Potassium as K<sub>2</sub>O

Sulfur

Estimated Value of  
Available Nutrients

## Estimated Available Nutrient Credits

| Total<br>Nutrients<br>lbs/ton | In 1st Year<br>of Application<br>lbs/ton | If Applied 2<br>Consecutive Yrs<br>lbs/ton | If Applied 3<br>Consecutive Yrs<br>lbs/ton |
|-------------------------------|--|--|--|
| 4.40                          | 1.10                                     | 0.44                                       | 0.22                                       |
| 4.40                          | 1.32                                     | 0.44                                       | 0.22                                       |
| 4.40                          | 1.54                                     | 0.44                                       | 0.22                                       |
| 2.60                          | 2.08                                     | 0.00                                       | 0.00                                       |
| 3.27                          | 2.61                                     | 0.00                                       | 0.00                                       |
| 0.91                          | 0.50                                     | 0.09                                       | 0.05                                       |
|                               | \$3.42                                   | \$0.27                                     | \$0.14                                     |

## MINOR ELEMENTS \*3

|                  |                   |
|------------------|-------------------|
| Calcium: 0.60%   | Zinc: 45 ppm      |
| Magnesium: 0.17% | Manganese: 40 ppm |
| Copper: 64 ppm   | Sodium: 0.11%     |
| Iron: 589 ppm    |                   |

|                 |
|-----------------|
| NH4-N: 0.080%   |
| NO3-N: 0.00100% |

## COMMENTS:

- \*\*1 Applications of manure on the same field for 2 consecutive years increases the availability of N and S by 10%, and for 3 or more consecutive years by 15%. There is zero availability on P and K for 2 or more consecutive years. Availability of N changes depending on application technique. Injection or incorporation within 3 days of application results in higher N availability.
- \*2 Value based on commercial fertilizer costs as of 06/15/2013.  
N (Urea)\$0.57/lb, P2O5 (Triple Superphosphate)\$0.62/lb, K2O (Potash)\$0.43/lb, S (Elemental Sulfur) \$0.25/lb.
- \*3 If minor elements are requested, they are reported on a 'dry matter' basis.  
If ammonia, nitrate or pH are requested, they are reported on an 'as is' basis.
- \*\*References: Nutrient application guidelines for field, vegetable, and fruit crops in Wisconsin (A2809), Table 9.1